## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby an	point:			•	$\overline{}$			
	I hereby appoint:							
	oners associated with the Customer Number	20350			ļ			
AND								
	oner(s) named below (if more than ten patent prac	ctitioners are to be r	named, then a cu	ustomer number must be used):				
	Name		Registra	tion Number				
	John V. Silverio	-	3	4,014				
<u> </u>	Caroline T. Coker		5	0,516				
	s) or agent(s) to represent the undersigned before							
	eatent applications assigned <u>only</u> to the undersign his form in accordance with 37 CFR 3.73(b).	ed according to the	USPTO assignr	nent records or assignment documents	š			
Assianee Na	ame and Address:		<u> </u>		_			
	General Instrume	nt Cornoration						
	101 Tournament (	Orive .						
	Horsham, PA 19044							
A copy of	this form, together with a statement (	under 37 CFR 3	3.73(b) (Form	PTO/SB/96 or equivalent) is	_			
required to	be filed in each application in which	n this form is u	sed. The sta	atement under 37 CFR 3.73(b				
	mpleted by one of the practitioners a I to act on behalf of the assignee, and							
	s to be filed.	i must identily	tile applicat	ion in which this Fower of				
-	SIGNATURI	E of Assignee of R	ecord					
The individual whose signature and title is supplied below is authorized to act on behalf of the assignee								
Name	Lewis A. Steverson							
Signature	7054		Date	March 9, 2004				
Title (	Vice President and Secretary		Telephone	215.323.1234				

STATEMENT UNDER 37 CFR 3.73(b)					
Applicant/Patent Owner: Eric Sprunk, Paul Moroney					
Application No./Patent No.:Filed	i/Issue Date:				
Entitled: METHOD AND APPARATUS FOR AUTHENTICATING DATA					
General Instrument Corporation , a corporation					
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, e					
states that it is:					
1.  the assignee of the entire right, title, and interest; o	r				
2. an assignee of less than the entire right, title and in					
The extent (by, percentage) of its ownership interest in the patent application/patent identified above by virtue of either					
A.  An assignment from the inventor(s) of the patent applicati recorded in the United States Patent and Trademark Office thereof is attached.					
OR					
B.  A chain of title from the inventor(s), of the patent application shown below:	on/patent identified above, to the current assignee as				
1. From: T	o :				
The document was recorded in the United States Pa Reel, Frame, or for which a copy there	tent and Trademark Office at				
2. From: T	o :				
The document was recorded in the United States Pa					
Reel, Frame, or for which a copy there	of is attached.				
3. From: T	o :				
The document was recorded in the United States Pa					
Reel, Frame, or for which a copy there	or is attached.				
Additional documents in the chain of title are listed o	n a supplemental sheet.				
☐ Copies of assignments or other documents in the chain of tit					
[NOTE: A separate copy (i.e., the original assignment docume must be submitted to Assignment Division in accordance with recorded in the records of the USPTO. See MPEP 302.8]					
The undersigned (whose title is supplied below) is authorized to	act on behalf of the assignee.				
March 9, 2004	Lewis A. Steverson				
Date	Typed or printed name				
215.323.1234	I GIST				
Telephone number	Signature				
Vice President and Secretary					
	Title				

Attorney Docket No.: 018926-010710US Client Reference No.: D3043

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Eric Sprunk of 7309 Bolero Street, Carlsbad, CA 92009; and Paul Moroney of 3411 Western Springs Road, Encinitas, CA 92024 hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title	of Invention:	METHOD DATA	AND APP	ARAT	US FOR	. AUTHEN	TICAT	ING
Date(	(s) of execution of De	eclaration:	January	29,	2004,	January	30,	2004
Filing	g Date:	·						
Appl	ication No.:			;	and			
		_						•

WHEREAS, General Instrument Corporation, a corporation of the state of Delaware, located at 101 Tournament Drive, Horsham, PA 19044, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number, date(s) of execution and declaration and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 1-29-2017

Dated: 1-29-2017

Shark
Eric Sprunk

Paut Moroney

Attorney Docket No.: 018926-010710US Client Ref. No.: D3043 PTO/SB/01A (08-03)

Title of Invention

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN **APPLICATION DATA SHEET (37 CFR 1.76)**

METHOD AND APPARATUS FOR AUTHENTICATING DATA

As the below named inventor(s), I/we declare that:						
This declaration is directed to:						
	$\boxtimes$	The attached application,	or			
		Application No. , filed on ,				
		as amended on	_ (if applicable);			
I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;						
I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;						
I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.						
All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.						
FULL NAME OF	INVENTOR(S)	)				
Inventor 1	Eric Sprunk		Date:	30 Jon 2004		
Signature: `	9	juk	Citizen of:	United States		
Inventor 2	Paul Moroney		Date:	1-28-04		
Signature: _	Parl	afren	Citizen of:	United States		
Inventor 3						
_			Date:			
Signature:			Date: Citizen of:			
Signature:						
			Citizen of:			